



DAY 1 – 9th June

Submission ID	Authors	Title	Organization
25	Daniela Leão, Adriana Franca and Leandro Oliveira	POTENTIAL OF PEQUI PERICARP FOR PRODUCTION OF DIETARY FIBERS FOR FUNCTIONAL FOODS	Federal University of Minas Gerais, BRAZIL
35	Jean Melo, Adriana Franca and Leandro Oliveira	POTENTIAL OF COFFEE HUSKS FOR PRODUCTION OF DIETARY FIBERS	Federal University of Minas Gerais, BRAZIL
38	Luiz de Carvalho Caio Salgado and Cosme Cruz	STABILITY AND ADAPTABILITY OF COTTON GENOTYPES IN RELATION TO COLORED FIBERS TRAITS	EMBRAPA, BRAZIL
77	Luara Bacci, Francesca Camili, Sara Di Lonardo, Pierpaolo Duce, Enrico Vagnoni and Antonio Mauro	NEGLECTED WOOLS. FUNDAMENTAL STEPS TO COUNTERACT THE LOSS OF POTENTIALLY VALUABLE MATERIALS DERIVED FROM NATIVE SHEEP BREEDS	Institute of Biometeorology of the National Research Council, ITALY
90	Tony Collins, Mário Barroca, Fernando Branca, João Azevedo-Silva, André Costa, Raul Machado and Margarida Casal	OPTIMISING A CELL FACTORY SYSTEM FOR THE BIOPRODUCTION OF SILK-ELASTIN-LIKE POLYMERS	University of Minho, PORTUGAL
198	Luísa Cruz-Lopes, Sónia Lopes, Sónia Prozil, Dmitry Evtuguin, Idalina Domingos, José Ferreira, Hélder Viana and Bruno Esteves	CELLULOSIC PULP FROM LIGNOCELLULOSIC RESIDUES	School of Technology and Management of Viseu, PORTUGAL
225	Syed Zameer Ul Hassan, Jiri Militky and Jan Krejci	A QUALITATIVE STUDY OF RESIDUAL PESTICIDES ON COTTON FIBERS	Technical University of Liberec, CZECH REPUBLIC
30	Cláudia Navarro, Sidnei Paciornik and José d'Almeida	MICROSTRUCTURAL CHARACTERIZATION OF NATURAL FIBERS: ETLINGERA ELATIOR, COSTUS COMOSUS AND HELICONIA BIHAI	Pontifical Catholic University of Rio de Janeiro, BRAZIL
32	Vincent Placet and Lamine Boubakar	MECHANICAL BEHAVIOUR OF HEMP FIBRES: STATE-OF-THE-ART	Franche-Comté Electronics Thermal Mechanics and Optics - Science and Technology, FRANCE



1st International Conference
on Natural Fibers
Sustainable Materials for Advanced Applications

9 . 10 . 11
JUNE
2013
GUIMARRES PORTUGAL

44	Luiz Carvalho, João Morais, José Assunção, Lidyane Nascimento, Gustavo Medeiros and Everaldo Medeiros	WAX CONTENT VARIATION IN COTTON FIBRE OF DIFFERENT MATERIALS IN EMBRAPA GERMPLASM COLLECTION	EMBRAPA, BRAZIL
107	Karine Charlet and Alexis Béakou	INTERFACES WITHIN A FLAX BUNDLE	French Institute for Advanced Mechanics, FRANCE
115	Wanda Konczewicz and Natalia Kryszak	DETERMINATION OF FIBRE CONTENT IN FIBROUS PLANTS WITH THE USE OF THE OSMOTIC METHOD	Institute of Natural Fibres & Medicinal Plants, POLAND
135	Leonardo Caux, Kíssila Costa and Júlio Oliveira	MECHANICAL, PHYSICAL AND STRUCTURAL CHARACTERIZATION OF NATURAL FIBERS FROM BRAZIL	Federal University of Ouro Preto, BRAZIL
34	Alenka Ojstrsek, Silvo Hribernik and Darinka Fakin	DURABILITY OF NANO-TiO ₂ FUNCTIONALIZATION OF COTTON FABRIC AFTER SEVERAL LAUNDERINGS	University of Maribor, SLOVENIA
51	Darinka Fakin and Alenka Ojstrsek	UV-SHIELDING ABILITY OF COTTON FABRIC MODIFIED WITH DISPERSIONS COMPRISED OF TiO ₂ -SiO ₂ NANOPARTICLES	University of Maribor, SLOVENIA
89	Jolanta Batog and Malgorzata Zimniewska	NATURAL FIBRE TEXTILES WITH MODIFIED NANOLIGNIN FOR ULTRAVIOLET PROTECTION	Institute of Natural Fibres & Medicinal Plants, POLAND
237	Dany Silva, Brismark Rocha, Marcos Silva, João Costa, Késia Silva, Geraldo Júnior, José Oliveira, Lícínio Ferreira, Margarida Quina and Rasiah Ladchumananandasivan	BIOSORPTION OF NICKEL FROM AQUEOUS SOLUTIONS BY SISAL FIBERS (AGAVE SISALANA PERRINE) MODIFIED BY CITRIC ACID	Federal University of Rio Grande do Norte, BRAZIL
242	José Oliveira, Poincyanna Bessa, David Jonas, Marcos de Aquino, João Morais, Men Filho and Morsyleide Rosa	A SUPERHYDROPHOBIC ORGANIC-INORGANIC NANOCOATED APPLIED ON COTTON FABRIC BY WET-CHEMICAL DIP COATING	Federal University of Rio Grande do Norte, BRAZIL
52	Maria José Galdes and Edilaine Garcia	GREEN COMPOSITES OF AMAZON. PART I: STUDY OF THE MECHANICAL AND THERMAL BEHAVIOUR.	Beira Interior University, PORTUGAL



1st International Conference
on Natural Fibers
Sustainable Materials for Advanced Applications

9 . 10 . 11
JUNE
2013
GUIMARRES PORTUGAL

117	Stefano Agnetti and Emanuela Speranzini	FLAX AND BASALT FIBERS AS REINFORCEMENT FOR WOODEN BEAMS	Univeristy of Perugia, ITALY
203	Ana Campos, Bruno Oliveira, Raul Machado, Tony Collins, João Azevedo-Silva, André Costa, Kirsi Immonen, Lisa Wikström and Margarida Casal	NOVEL NANOCELLULOSE REINFORCED RECOMBINANT PROTEIN BASED POLYMER COMPOSITES	Pole for Innovation in Polymer Engineering, PORTUGAL
39	Paulo Pereira, Kelly Benini, Cintia Watashi, Maria Cioffi and Herman Woorvald	MECHANICAL AND THERMAL CHARACTERIZATION OF BANANA PEEL FIBERS/HDPE COMPOSITES	State University of São Paulo, BRAZIL
46	Ayman Abd El-Wahab	EFFECT OF SPECIFIC PRESSURE ON THE MECHANICAL AND PHYSICAL PROPERTIES OF MOLDED PRODUCTS FROM COTTON STALKS IN EGYPT	Ain Shams University, EGYPT
58	Aitor Hernandez Michelena	ECOBOARD PRODUCTION WITH NATURAL FIBRES-AHM	University of Plymouth, UNITED KINGDOM
62	Marziyeh Khatibzadeh, Shadi Kordbacheh and Mahshad Vajar	MECHANICAL PROPERTIES OF COLORED HANDMADE PAPER PREPARED FROM JUTE	Amirkabir University of Technology, IRAN
88	Ramadan El-Gamsy, Mohamed Abdelatif and Hala Abelhakim	MECHANICAL BEHAVIOR OF LOW DENSITY POLYETHYLENE COMPOSITE REINFORCED WITH NATURAL FIBERS.	Ain shams University, EGYPT
92	Tânia Estevão, Natália Veiga and José Esteves	FRACTURE TOUGHNESS FOR LONG JUTE FIBRES EPOXY RESIN COMPOSITES	Institute of Mechanical Engineering and Industrial Management, PORTUGAL
109	Asama Kalapakdee and Tawechai Amornsakchai	EFFECT OF COMPATIBILIZER ON MECHANICAL PROPERTIES OF PINEAPPLE LEAF FIBER REINFORCED SANTOPRENE RUBBER	Mahidol University, THAILAND
134	Arthur Melo, António Marques and Paulo Nóvoa	A POTENTIAL NATURAL FIBER FOR COMPOSITES FROM BRAZILIAN PALM TREE FOLLICLES	Institute of Mechanical Engineering and Industrial Management, PORTUGAL



1st International Conference
on **Natural Fibers**
Sustainable Materials for Advanced Applications

9 . 10 . 11
JUNE
2013
GUIMARRES PORTUGAL

111	Katarzyna Schmidt-Przewozna and Jakub Kowalinski	TRADITION AND SCIENCE, A SYNERGY FOR THE DEVELOPMENT OF NATURAL DYES IN DESIGN – COLOUR OF NATURE	Institute of Natural Fibres & Medicinal Plants, POLAND
147	Susana del Val, Cristina Zunino and Laura Martinez	NATURAL DYES	National Institute of Industrial Technology, ARGENTINA
181	Catalina Alvarez-Lopez, Carolina Arredondo, Claudia Gomez, Ana Elisa Casas, Gustavo Hincapie and Adriana Restrepo-Osorio	CHARACTERIZATION OF SERICIN OBTAINED FROM SILK DEGUMMING WATER BY ETANOL METHOD	Pontifical Bolivarian University, COLOMBIA
217	Melissa Fontalvo, Laura Gonzalez, Catalina Alvarez, Patricia Marino, Horacio Alvarez and Adriana Restrepo-Osorio	COLOR FASTNESS OF CHAGUAR, SILK AND WOOL, DYEING WITH NATURAL DYES	Pontifical Bolivarian University, COLOMBIA
241	Célia Santos, Teresa Miranda and José Oliveira	ART AND FASHION IN FINISHES PROCESS ON DENIM/COTTON FABRIC	Federal University of Piauí, BRAZIL